



## PLA Bio Transparent Clear 1.75mm 1kg

Data sheet

### Summary

- ✓ Transparent PLA+ filament for translucent parts and light-diffusing prototypes.
- ✓ 1.75 mm diameter on a 1 kg spool, compatible with most FFF printers.
- ✓ Recommended print temperature around 200°C with a 60°C build plate for stable results.
- ✓ Standard filament quality from Gilford, suitable for visual and general-purpose functional prints.
- ✓ Consider a higher-grade material if you need certified mechanical properties or high-temperature performance.

# Product description

## Why choose this filament?

Gilford PLA+ TR-CLEAR 1KG is a transparent PLA+ filament designed for everyday FFF 3D printing. It delivers consistent feed and ease of use for prototypes, display parts, and components that need translucency or light diffusion. The 1 kg spool simplifies material management and fits most printers that accept 1.75 mm filament.

## PLA+ TR-CLEAR 1KG in short:

- Transparent PLA+ filament for translucent parts and light-diffusing prototypes.
- 1.75 mm diameter on a 1 kg spool, compatible with most FFF printers.
- Recommended print temperature around 200°C with a 60°C build plate for stable results.
- Standard filament quality from Gilford, suitable for visual and general-purpose functional prints.
- Consider a higher-grade material if you need certified mechanical properties or high-temperature performance.

## Printing and handling

Gilford PLA+ TR-CLEAR 1KG prints reliably on standard FFF machines and ships on a boxed spool for neat storage. Use the recommended 200°C nozzle and a 60°C bed to reduce warping and promote good layer adhesion. The clear finish can reveal layer lines more than opaque filaments, so sanding or polishing can improve optical clarity after printing.

# Technical Specification Matrix

## Header

|              |                   |
|--------------|-------------------|
| Manufacturer | Gilford           |
| Product Line | PLA+              |
| Model        | PLA+ TR-CLEAR 1KG |

## Features

|                                  |             |
|----------------------------------|-------------|
| Printing material                | PLA         |
| Printing colours                 | Transparent |
| Filament quality                 | Standard    |
| Minimum extruder tip temperature | 200 °C      |
| Fused filament fabrication (FFF) | Yes         |
| Melting point (min)              | 200 °C      |
| Print temperature guideline      | 200 °C      |
| Build plate temperature          | 60 °C       |

|                    |        |
|--------------------|--------|
| Nozzle temperature | 200 °C |
| Country of origin  | China  |

**Weight & dimensions**

|             |           |
|-------------|-----------|
| Weight      | 1000 g    |
| Thickness   | 1.75 mm   |
| Wire length | 330000 mm |

**Packaging data**

|                   |         |
|-------------------|---------|
| Quantity per pack | 1 pc(s) |
| Package type      | Box     |